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CLAIMS

1. A method for web service handling in a packet-switched communication system (400; 500) including a first mobile node (410; 510) with a web service (412-1; 512-1) associated with a web service identifier, comprising the steps of:

transmitting, from the first mobile node to a registration unit (440; 540), a request for registering the web service of the first mobile node, including unique identification information comprising the web service identifier and a unique circuit-switched identifier of the first mobile node; and

registering, at the registration unit, the unique identification information together with locating information, enabling for a second mobile node (420; 520) in the communication system to communicate with the web service at the first mobile node.

- 2. The method of claim 1, wherein the unique circuit-switched identifier comprises a mobile node identifier common or well-known in circuit-switched communications.
- 3. The method of claim 2, wherein the unique circuit-switched identifier comprises a telephone or E.164 number of the first mobile node (410; 510).
- 4. The method of claim 1, further comprising the steps of:

requesting, at the second mobile node (420; 520), the locating information for the web service (412-1; 512-1) at the first mobile node (410; 510) from the registration unit (440; 540), the web service at the first mobile node being specified through the unique identification information; and

transferring the requested locating information from the registration unit to the second mobile node.

5. The method of claim 4, further comprising the step of establishing, at the second mobile node (420; 520), communication with the web service (412-1; 512-1) of the first mobile node (410; 510) using the locating information.

- 6. The method of claim 1, further comprising the step of concatenating, at the first mobile node (410; 510), the web service identifier and the unique circuit-switched identifier of the first mobile node into a combined service and node specific identifier to be used in the transmitting step.
- 7. The method of claim 1, further comprising the step of concatenating, at the registration unit (440; 540), the web service identifier and the unique circuit-switched identifier of the first mobile node (410; 510) into a combined service and node specific identifier to be used in the registering step.
- 8. The method of claim 1, wherein the locating information comprises a current IP address of the first mobile node (410) and a port number of the web service (412-1) at the first mobile node.
- 9. The method of claim 1, wherein the locating information comprises an identifier of an intermediate device (560) used for reaching the first mobile node (510).
- 10. The method of claim 1, wherein the locating information comprises an IP address of an intermediate device used for reaching the first mobile node.
- 11. The method of claim 1, wherein the web service identifier comprises a Uniform Resource Identifier (URI).
- 12. A registration unit (440; 540) in a packet-switched communication system (400; 500) with means for web service handling and including a first mobile node (410; 510) with a web service (412-1; 512-1) associated with a web service identifier, comprising:

means for receiving, from the first mobile node, a request for registering the web service of the first mobile node, including unique identification information comprising the web service identifier and a unique circuitswitched identifier of the first mobile node; and means for registering the unique identification information together with locating information, enabling for a second mobile node (420; 520) in the communication system to communicate with the web service at the first mobile node.

13. The registration unit of claim 12, wherein the unique circuit-switched identifier comprises a telephone or E.164 number of the first mobile node (410; 510).

14. The registration unit of claim 12, further comprising:

means for receiving, from the second mobile node (420; 520), an address request for the web service (412-1; 512-1) at the first mobile node (410; 510) specified through the unique identification information; and

means for transferring the locating information for the web service at the first mobile node to the second mobile node in response to the address request.

- 15. The registration unit of claim 12, further comprising means for concatenating the web service identifier and the unique circuit-switched identifier of the first mobile node (410; 510) into a combined service and node specific identifier.
- 16. The registration unit of claim 12, wherein the locating information comprises a current IP address of the first mobile node (410) and a port number of the web service (412-1) at the first mobile node.
- 17. The registration unit of claim 12, wherein the locating information comprises an identifier of an intermediate device (560) used for reaching the first mobile node (510).
- 18. The registration unit of claim 12, wherein the locating information comprises an IP address of an intermediate device used for reaching the first mobile node.

- 19. The registration unit of claim 12, comprising a Session Initiation Protocol (SIP) registrar server.
- 20. A mobile node (410, 420; 510, 520) in a packet-switched communication system (400; 500) with means for web service handling, the mobile node including a web service (412-1, 422-1; 512-1, 522-1) associated with a web service identifier and comprising:

means for transmitting, to a registration unit (440; 540), a request for registering the web service, including unique identification information comprising the web service identifier and a unique circuit-switched identifier of the mobile node.

- 21. The mobile node (410, 420; 510, 520) of claim 20, wherein the unique circuit-switched identifier comprises a telephone or E.164 number of the mobile node.
- 22. The mobile node of claim 20, further comprising means for concatenating the web service identifier and the unique circuit-switched identifier of the mobile node into a combined service and node specific identifier.
- 23. The mobile node (410, 420; 510, 520) of claim 20, further comprising:

means for requesting locating information for a web service (412-1, 422-1; 512-1, 522-1) at another mobile node (410, 420; 510, 520) from the registration unit (440; 540), the web service at the other mobile node being specified through the unique identification information; and

means for establishing communication with the web service of the other mobile node using the requested locating information.

24. The mobile node (410, 420) of claim 23, wherein the locating information comprises a current IP address of the other mobile node and a port number of the web service (412-1, 422-1) at the other mobile node.

25. The mobile node (510, 520) of claim 23, wherein the locating information comprises an identifier of an intermediate device (560) used for reaching the other mobile node.

26. The mobile node of claim 23, wherein the locating information comprises an IP address of an intermediate device used for reaching the other mobile node.

27.A packet-switched communication system (400; 500) with means for web service handling and including a first mobile node (410; 510) with a web service (412-1; 512-1) associated with a web service identifier, comprising:

means for transmitting, from the first mobile node to a registration unit (440; 540), a request for registering the web service of the first mobile node, including unique identification information comprising the web service identifier and a unique circuit-switched identifier of the first mobile node; and

means for registering the unique identification information together with locating information, enabling for a second mobile node (420; 520) in the communication system to communicate with the web service at the first mobile node.

28. The system (400; 500) of claim 27, wherein the unique circuit-switched identifier comprises a telephone or E.164 number of the first mobile node (410; 510).

29. The system (400; 500) of claim 27, further comprising:

means for requesting, at the second mobile node (420; 520), the locating information for the web service (412-1; 512-1) at the first mobile node (410; 510) from the registration unit (440; 540), the web service at the first mobile node being specified through the unique identification information;

means for transferring the requested locating information from the registration unit to the second mobile node; and

means for establishing, at the second mobile node, communication with the web service of the first mobile node using the locating information.